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Affiliated Specialty Society: California Society of Internal Medicine.

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SUBMITTING MANUSCRIPTS

Manuscripts for consideration should be sent to the editor, Malcolm S. M. Watts, MD, PO Box 7602, San Francisco, CA 94120-7602.

"Information for Authors"—A complete guide to manuscript submission and *WJM* style appears in the January and July issues. Manuscripts may be prepared in accordance with the "Uniform Requirements for Manuscripts Submitted to Biomedical Journals" (*British Medical Journal*, June 12, 1982; *Annals of Internal Medicine*, June 1982).

Author Responsibility—Authors are responsible for all statements, conclusions and methods of presenting subjects. Articles are accepted on condition that they are contributed solely to this journal.

Manuscripts—Ordinarily manuscripts should not exceed 3,000 words (less than 15 typed double-spaced pages). The *original* manuscript and two copies should be submitted, typed double-spaced throughout. If photographic illustrations are desired, three sets of clear, unmounted black and white glossy prints should be supplied. For line drawings, original artwork or glossy prints are acceptable. Tables should be typed on separate sheets of paper.

Clinical Investigation—Papers that authors wish considered for the Clinical Investigation section should be so designated in the transmittal letter. Such papers should describe experimental work in humans that extensively and prospectively examines scientific hypotheses relating to disease.

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MOTRIN® Tablets (ibuprofen)

CONTRAINDICATIONS: Anaphylactoid reactions have occurred in individuals hypersensitive to MOTRIN or with the syndrome of nasal polyps, angioedema and bronchospastic reactivity to aspirin or other nonsteroidal anti-inflammatory agents.

WARNINGS: Peptic ulceration and G.I. bleeding, sometimes severe, have been reported. Ulceration, perforation and bleeding may end fatally. An association has not been established. Use MOTRIN under close supervision in patients with a history of upper gastrointestinal tract disease, after consulting ADVERSE REACTIONS. In patients with active peptic ulcer and active rheumatoid arthritis, try nonulcerogenic drugs, such as gold. If MOTRIN is used, observe the patient closely for signs of ulcer perforation or G.I. bleeding.

PRECAUTIONS: Blurred and/or diminished vision, scotomata, and/or changes in color vision have been reported. If these develop, discontinue MOTRIN and the patient should have an ophthalmologic examination, including central visual fields and color vision testing.

Fluid retention and edema have been associated with MOTRIN; use with caution in patients with a history of cardiac decompensation or hypertension.

MOTRIN can inhibit platelet aggregation and prolong bleeding time. Use with caution in persons with intrinsic coagulation defects and on anticoagulant therapy.

Patients should report signs or symptoms of gastrointestinal ulceration or bleeding, blurred vision, skin rash, weight gain, or edema.

Patients on prolonged corticosteroid therapy should have therapy tapered slowly when MOTRIN is added. The antipyretic, anti-inflammatory activity of MOTRIN may mask inflammation and fever.

As with other nonsteroidal anti-inflammatory drugs, borderline elevations of liver tests may occur in up to 15% of patients. These abnormalities may progress, may remain essentially unchanged, or may be transient with continued therapy. Meaningful elevations of SGPT or SGOT (AST) occurred in controlled clinical trials in less than 1% of patients. Severe hepatic reactions, including jaundice and cases of fatal hepatitis, have been reported with ibuprofen as with other nonsteroidal anti-inflammatory drugs. If liver disease develops or if systemic manifestations occur (e.g. eosinophilia, rash, etc.), MOTRIN should be discontinued.

In cross-study comparisons with 1200 mg to 3200 mg daily for several weeks, a slight dose-response decrease in hemoglobin/hematocrit was noted. The total decrease in hemoglobin usually does not exceed 1 gram.

Renal Effects: Long term administration of ibuprofen and other NSAID's to animals has resulted in renal papillary necrosis and other abnormal renal pathology. In humans, there have been reports of acute interstitial nephritis with hematuria, proteinuria, and occasionally nephrotic syndrome. In patients with prerenal conditions and reduced renal blood flow or blood volume, NSAID's may precipitate overt renal decompensation. Patients with impaired renal function, heart failure, liver dysfunction, those taking diuretics and the elderly are at greatest risk. Discontinuation of NSAID therapy is typically followed by recovery to the pretreatment state. In patients with renal impairment, reduced dosage may be necessary. Prospective studies of MOTRIN safety in patients with chronic renal failure have not been done.

Drug Interactions: Aspirin: Used concomitantly may decrease MOTRIN blood levels.

Coumarin: Bleeding has been reported in patients taking MOTRIN and coumarin.

Pregnancy and nursing mothers: MOTRIN should not be taken during pregnancy or by nursing mothers.

ADVERSE REACTIONS: The most frequent type of adverse reaction occurring with MOTRIN is gastrointestinal of which one or more occurred in 4% to 16% of the patients. Reported side effects were higher at 3200 than at 2400 mg/day or less.

Incidence Greater than 1% (but less than 3%)—Probable Causal Relationship

GASTROINTESTINAL: Nausea,* epigastric pain,* heartburn,* diarrhea, abdominal distress, nausea and vomiting, indigestion, constipation, abdominal cramps or pain, fullness of GI tract (bloating and flatulence);

CENTRAL NERVOUS SYSTEM: Dizziness,* headache, nervousness; **DERMATOLOGIC:** Rash* (including maculopapular type), pruritus; **SPECIAL SENSES:** Tinnitus; **METABOLIC/ENDOCRINE:** Decreased appetite;

CARDIOVASCULAR: Edema, fluid retention (generally responds promptly to drug discontinuation; see PRECAUTIONS).

Incidence less than 1% Probable Causal Relationship**

GASTROINTESTINAL: Gastric or duodenal ulcer with bleeding and/or perforation, gastrointestinal hemorrhage, melena, gastritis, hepatitis, jaundice, abnormal liver function tests; **CENTRAL NERVOUS SYSTEM:** Depression, insomnia, confusion, emotional lability, somnolence, aseptic meningitis with fever and coma; **DERMATOLOGIC:** Vesiculobullous eruptions, urticaria, erythema multiforme, Stevens-Johnson syndrome, alopecia; **SPECIAL SENSES:** Hearing loss, amblyopia (blurred and/or diminished vision, scotomata and/or changes in color vision) (see PRECAUTIONS); **HEMATOLOGIC:** Neutropenia, agranulocytosis, aplastic anemia, hemolytic anemia (sometimes Coombs positive), thrombocytopenia with or without purpura, eosinophilia, decreases in hemoglobin and hematocrit (see PRECAUTIONS); **CARDIOVASCULAR:** Congestive heart failure in patients with marginal cardiac function, elevated blood pressure, palpitations;

ALLERGIC: Syndrome of abdominal pain, fever, chills, nausea and vomiting; anaphylaxis, bronchospasm (see CONTRAINDICATIONS); **RENAL:** Acute renal failure in patients with pre-existing significantly impaired renal function, decreased creatinine clearance, polyuria, azotemia, cystitis, hematuria; **MISCELLANEOUS:** Dry eyes and mouth, gingival ulcer, rhinitis.

Incidence less than 1%—Causal Relationship Unknown**

GASTROINTESTINAL: Pancreatitis; **CENTRAL NERVOUS SYSTEM:** Paresthesias, hallucinations, dream abnormalities, pseudotumor cerebri; **DERMATOLOGIC:** Toxic epidermal necrolysis, photoallergic skin reactions; **SPECIAL SENSES:** Conjunctivitis, diplopia, optic neuritis, cataracts; **HEMATOLOGIC:** Bleeding episodes (e.g. epistaxis, menorrhagia); **METABOLIC/ENDOCRINE:** Gynecomastia, hypoglycemic reaction, acidosis;

CARDIOVASCULAR: Arrhythmias (sinus tachycardia, sinus bradycardia); **ALLERGIC:** Serum sickness, lupus erythematosus syndrome, Henoch-Schönlein vasculitis, angioedema; **RENAL:** Renal papillary necrosis.

*Reactions occurring in 3% to 9% of patients treated with MOTRIN. (Those reactions occurring in less than 3% of the patients are unmarked).

**Reactions are classified under "Probable Causal Relationship (PCR)" if there has been one positive challenge or if three or more cases occur which might be causally related. Reactions are classified under "Causal Relationship Unknown" if seven or more events have been reported but the criteria for PCR have not been met.

OVERDOSAGE: In cases of acute overdosage, the stomach should be emptied. The drug is acidic and excreted in the urine so alkaline diuresis may be beneficial.

DOSE AND ADMINISTRATION: Do not exceed 3200 mg/day.

Rheumatoid and osteoarthritis: Suggested dosage is 1200 to 3200 mg per day (400, 600 or 800 mg t.i.d. or q.i.d.). The smallest effective dosage should be used. Mild to moderate pain: 400 mg every 4 to 6 hours as necessary.

HOW SUPPLIED:

MOTRIN Tablets, 400 mg (orange)	MOTRIN Tablets, 600 mg (peach)	MOTRIN Tablets, 800 mg (apricot)
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Books Received

Books received by THE WESTERN JOURNAL OF MEDICINE are acknowledged in this column. Selections will be made for more extensive review in the interest of readers as space permits.

RENAL AND UROLOGIC EMERGENCIES—Volume 8 in Clinics in Emergency Medicine—Edited by Allan B. Wolfson, MD, Assistant Professor, Department of Medicine, University of Pennsylvania School of Medicine, and Associate Director, Emergency Services Department, Hospital of the University of Pennsylvania, Philadelphia, and Ann Harwood-Nuss, MD, Associate Professor, Division of Emergency Medicine, Department of Surgery, University of Florida College of Medicine, Gainesville, and University Hospital, Jacksonville. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1986. 282 pages, \$35.

RENAL TRANSPLANTATION—Edited by Marvin R. Garovoy, MD, Associate Professor of Surgery and Medicine, University of California, San Francisco, School of Medicine, and Director, Immunogenetic and Transplantation Laboratory, The Medical Center at the University of California, San Francisco, and Ronald D. Guttman, MD, Professor of Medicine, McGill University Faculty of Medicine, and Director, Transplantation Service, Royal Victoria Hospital, Montreal. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1986. 435 pages, \$59.

REPRODUCTIVE FAILURE—Edited by Alan H. DeCherney, MD, John Slade Ely Professor of Obstetrics and Gynecology, and Director, Division of Reproductive Endocrinology, Yale University School of Medicine, New Haven, Connecticut. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1986. 302 pages, \$45.

REPRODUCTIVE PROBLEMS IN THE WORKPLACE—Edited by Zena A. Stein, MA, MB, BCh, Director, Epidemiology of Brain Disorders, Research Department, New York State Psychiatric Institute, and Professor of Public Health (Epidemiology), Columbia University, and Maureen C. Hatch, PhD, Assistant Professor of Public Health (Epidemiology), Columbia University School of Public Health, New York. Hanley & Belfus, Inc, 210 S 13th St, Philadelphia, PA 19107, 1986. 534 pages, \$26.

RESPIRATORY INFECTIONS—Volume I in Contemporary Issues in Infectious Diseases—Edited by Merle A. Sande, MD, Professor and Vice Chairman, Department of Medicine, University of California, San Francisco, School of Medicine, and Chief, Medical Service, San Francisco General Hospital; Leonard D. Hudson, MD, Professor of Medicine and Head, Respiratory Diseases Division, Harborview Medical Center, Seattle, and Richard K. Root, MD, Professor and Chairman, Department of Medicine, University of California, San Francisco, School of Medicine. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1986. 361 pages, \$47.

RETINOBLASTOMA—Volume 2 in CONTEMPORARY ISSUES IN OPHTHALMOLOGY—Edited by Frederick C. Blodi, MD, Director, Medical Education, King Khaled Eye Specialist Hospital, Riyadh, Saudi Arabia. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 223 pages, \$45.

SHOCK TRAUMA/CRITICAL CARE MANUAL—Initial Assessment and Management—Edited by R. Adams Cowley, MD, Director, and C. Michael Dunham, MD, Attending Traumatologist, Maryland Institute for Emergency Medical Services Systems, Baltimore. University Park Press, 300 N Charles St, Baltimore, MD 21201, 1982. 586 pages, price not given.

SIXTEENTH CENTURY PHYSICIAN AND HIS METHODS—MERCURIALIS ON DISEASES OF THE SKIN—THE FIRST BOOK ON THE SUBJECT (1572)—Translation from the Latin, glossary and commentary by Richard L. Sutton, Jr, MD, ScD, FRS Edin, Emeritus Clinical Professor, Dermatology, University of Kansas, and Adjunct Professor, Medicine, Ophthalmology and Geosciences, University of Missouri, Kansas City. Lowell Press Inc, 115 E 31st St, PO Box 1877, Kansas City, MO 64141, 1986. 226 pages, \$37.50.

STAGING OF NEOPLASMS—Volume 7 in CONTEMPORARY ISSUES IN COMPUTED TOMOGRAPHY—Edited by Gary M. Glazer, MD, Associate Professor of Radiology and Director, Divisions of Body Computed Tomography and Magnetic Resonance Imaging, University of Michigan Medical School, Ann Arbor. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1986. 299 pages, \$39.

STRAINED MERCY—THE ECONOMICS OF CANADIAN HEALTH CARE—Robert G. Evans, Professor of Economics, University of British Columbia, Vancouver. Butterworth Legal Publishers, Western Region, Redmond, WA 98052, 1984. 380 pages, price not given.

STROKE: PATHOPHYSIOLOGY, DIAGNOSIS AND MANAGEMENT—2 volumes—Edited by Henry J. M. Barnett, OC, MD, FRCP(C), FRCP, Professor of Neurology, Department of Clinical Neurological Sciences, University of Western Ontario, University Hospital, and Scientific Director, John P. Roberts Research Institute, London, Ontario, Canada; J. P. Mohr, MD, Sciarra Professor of Clinical Neurology, College of Physicians and Surgeons of Columbia University, and Director of Cerebrovascular Research, The Neurological Institute of New York, Columbia Presbyterian Medical Center, and Bennett M. Stein, MD, Byron Stookey Professor of Neurological Surgery, College of Physicians and Surgeons of Columbia University, and Director of Neurological Surgery, The Neurological Institute of New York, Columbia Presbyterian Medical Center, New York, and Frank M. Yatsu, MD, Professor and Chairman of Neurology, University of Texas Health Science Center at Houston. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1986. 1,274 pages, \$159.

TEXTBOOK OF GENITO-URINARY SURGERY—2 Volumes—Edited by Hugh N. Whitfield, MA, MChir, FRCS, Consultant Urological Surgeon, St Bartholomew's Hospital, Hackney Hospital and St Mark's Hospital for Diseases of the Rectum and Colon, and Honorary Consultant Urologist, St Luke's Hospital for the Clergy, and William F. Hendry, ChM, FRCS, FRCS(Ed), Consultant Genito-urinary Surgeon, St Bartholomew's Hospital, Royal Marsden Hospital and Chelsea Hospital for Women; Honorary Senior Lecturer, Institute of Urology, and Civilian Consultant in Urology to the Royal Navy, London. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1985. 1,396 pages, \$208.

TICS AND RELATED DISORDERS—Volume 7 in CLINICAL NEUROLOGY AND NEUROSURGERY MONOGRAPHS—A. J. Lees, MD, MRCP, Consultant Neurologist, National Hospitals for Nervous Diseases, University College Hospital and Whittington Hospital, London. Churchill Livingstone Inc, 1560 Broadway, New York, NY 10036, 1986. 269 pages, \$45.

Continuing Medical Education

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ARIZONA

The following list of continuing medical education programs in Arizona is compiled by the Arizona Medical Association. All courses listed have been certified as meeting the criteria for Category I of the ArMA CME Certificate and the AMA Physicians Recognition Award. To list Category I continuing medical education programs, please send information to Arizona Medical Association, 810 West Bethany Home Road, Phoenix, AZ 85013; or phone (602) 246-8901.

Brochures and registration forms are available from the contact person or organization sponsoring the program.

March 17-20—**Pediatric Update—1987.** La Posada Resort, Scottsdale. Tues-Fri. Contact: Phoenix Children's Hospital, (602) 239-4350.

March 19-21—**23rd Annual Arizona Chest Symposium.** Doubletree Hotel, Tucson. Thurs-Sat. Contact: Sandy Younker-Hellman, RN, U of A, (602) 327-5461.

March 19-21—**Gastroenterology for Clinicians.** Scottsdale. Thurs-Sat. Contact: Jeanne Sun Harris, 4129 E Sandy Mt Rd, Scottsdale 85253.

March 21-22—**13th Annual James H. McDonald Urological Seminar.** Sheraton Scottsdale Resort, Scottsdale. Sat-Sun. Contact: Maricopa Medical Center, (602) 267-5371.

March 31-April 3—**12th Annual Update: Primary Care.** Arizona Health Sciences Center, Tucson. Tues-Fri. Contact: U of A.

April 6-8—**Practical Cardiology for the Family Physician.** La Posada Resort, Scottsdale. Mon-Wed. Contact: American College of Cardiology, (301) 897-5400, ext 226.

April 22—**Current Perspectives: Wellness.** Arizona Medical Association, Phoenix. Wed. Contact: ArMA.

April 23—**Current Perspectives: Wellness.** VA Medical Center, Prescott. Thurs. Contact: ArMA.

April 24—**Clinical Aspect of Aging.** Fri. Contact: Dr Stonefeld, (602) 230-3479.

May 9-10—**Pathology of AIDS.** Loews Ventana Canyon Resort, Tucson. Sat-Sun. Contact: Beverly Richter for Arizona Society of Pathologists, (602) 246-8901.

June 4—**Arizona Medical Association Annual Scientific Session.** The Pointe at South Mountain, Phoenix. Thurs. Contact: ArMA.

CONTACT INFORMATION

ArMA—Contact: Arizona Medical Association, 810 W Bethany Home Rd, Phoenix, AZ 85013. (602) 246-8901.

U of A—Contact: University of Arizona College of Medicine, Arizona Health Sciences Center, Tucson, AZ 85724. (602) 626-6707.

CALIFORNIA, HAWAII AND NEVADA

This listing of continuing education programs in California, Hawaii and Nevada is supplied by the Committee on Continuing Medical Education of the California Medical Association. All courses and meetings listed have been approved for Category I credit toward the CMA Certificate in Continuing Medical Education. To have accredited courses listed here, please send information at least two months in advance to Department of Continuing Medical Education, California Medical Association, PO Box 7690, San Francisco 94120-7690; or phone (415) 863-5522. For a list of organizations approved for Category I credit toward the CMA Certificate in Continuing Medical Education or for more information on accreditation or certification, please write to the above address.

ALLERGY

March 18-21—**10th Annual Course: Frontiers in Allergy and Asthma—A Comprehensive Update for the Treatment of Allergy/Asthma Patients.** UCD at Embassy Suites, Napa Valley. Wed-Sat. 17 hrs. \$225. Contact: UCD.

ANESTHESIOLOGY

March 20-22—**Obstetrical Anesthesia—1987.** UCSF at Hotel Meridien, San Francisco. Fri-Sun. Contact: UCSF.

March 21-22—**Los Angeles County Society of Anesthesiologists 32nd Postgraduate Assembly.** Los Angeles Hilton Hotel. Sat-Sun. Contact: LA County Society of Anesthesiologists, 333 S Beverly Dr, Ste 111, Beverly Hills 90212. (213) 556-8865.

April 26-May 1—**California Society of Anesthesiologists Hawaiian Seminar.** Sheraton Kauai Hotel, Poipu Beach, Hawaii. Sun-Fri. 21 hrs. \$375. Contact: Linda P. Londerville, CSA, 100 S Ellsworth Ave, Ste 806, San Mateo 94401. (415) 348-1407.

May 1-3—**Clinical Neuromuscular Pharmacology—1987.** Anesthesiology Educational Foundation and UCLA at Palm Springs. Fri-Sun. 15 hrs. Contact: Anesthesiology Educational Foundation, PO Box 24230, Federal Bldg, Los Angeles 90024. (213) 825-0736.

June 25-28—**California Society of Anesthesiologists Annual Meeting.** Hotel Inter-Continental, San Diego. Thurs-Sun. 15 hrs. \$225. Contact: Linda P. Londerville, 100 S Ellsworth Ave, Ste 806, San Mateo 94401. (415) 348-1407.

August 23-28—**California Society of Anesthesiologists Hawaiian Seminar.** Sheraton Royal Waikoloa Hotel, The Big Island, Hawaii. Sun-Fri. 20 hrs. \$375. Contact: Linda P. Londerville, 100 S Ellsworth Ave, Ste 806, San Mateo 94401. (415) 348-1407.

CANCER

March 18-20—**7th Annual Current Approaches to Radiation Oncology, Biology and Physics.** UCSF at Fairmont Hotel, San Francisco. Wed-Fri. 18 hrs. \$275-325. Contact: UCSF.

April 3—**1 Day Colon Cancer Screening and Flexible Sigmoidoscopy Workshop.** Continuing Medical Education Associates at Holiday Inn Union Square, San Francisco. Fri. 7 hrs. \$175. Contact: J. Shiller, CMEA, PO Box 84296, San Diego 92138. (619) 223-2997.

April 15—**1 Day Colon Cancer Screening and Flexible Sigmoidoscopy Workshop.** Continuing Medical Education Associates at Newporter Hotel, Newport Beach. Sun. \$175. Contact: J. Shiller, CMEA, PO Box 84296, San Diego 92138. (619) 223-2997.

May 1—**1 Day Colon Cancer Screening and Flexible Sigmoidoscopy Workshop.** Continuing Medical Education Associates at Vacation Village Resort, San Diego. Fri. \$175. Contact: J. Shiller, CMEA, PO Box 84296, San Diego 92138. (619) 223-2997.

May 3—**1 Day Colon Cancer Screening and Flexible Sigmoidoscopy Workshop.** Continuing Medical Education Associates at Holiday Inn Union Square, San Francisco. Sun. \$175. Contact: J. Shiller, CMEA, PO Box 84296, San Diego 92138. (619) 223-2997.

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CONTINUING MEDICAL EDUCATION

(Continued from Page 297)

CARDIOLOGY

March 22-25—**Diagnosis and Management of Respiratory Diseases.** Medical Education Resources at Royal Lahaina Hotel, Maui, Hawaii. Sun-Wed. 13 hrs. \$295. Contact: Debbie Wilderson, Medical Education Resources, 5808 S Rapp St, Ste 202, Littleton, CO 80120. (800) 421-3756.

March 27-28—**Coronary Heart Disease: Current Concepts.** Medical Education Resources at Desert Inn Hotel, Las Vegas, Nevada. Fri-Sat. 11 hrs. \$295. Contact: Debbie Wilderson, Medical Education Resources, 5808 S Rapp St, Ste 202, Littleton, CO 80120. (800) 421-3756.

April 9-11—**State of the Art Cardiology: The Excitement of the 80s.** Pacific Presbyterian Medical Ctr, San Francisco. Thurs-Sat. Contact: Pacific Presbyterian Med Ctr, Continuing Education, PO Box 7999, San Francisco 94120. (415) 923-3440.

April 10-11—**Arrhythmias: Interpretation, Diagnosis and Management.** Medical Education Resources at Inter-Continental Hotel, San Diego. Fri-Sat. 11 hrs. \$295. Contact: Debbie Wilderson, Medical Education Resources, 5808 S Rapp St, Ste 202, Littleton, CO 80120. (800) 421-3756.

April 27-May 6—**Cardiology for the Consultant.** Scripps Clinic and Research Foundation at Rancho Santa Fe Inn, Rancho Santa Fe. Mon-Wed. 40 hrs. \$800. Contact: Bonny Mower, Dept of Academic Affairs, Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 457-8556.

May 1-2—**Arrhythmias: Interpretation, Diagnosis and Management.** Medical Education Resources at Bally's (MGM) Grand Hotel, Las Vegas, Nevada. Fri-Sat. 11 hrs. \$295. Contact: Debbie Wilderson, Medical Education Resources, 5808 S Rapp St, Ste 202, Littleton, CO 80120. (800) 421-3756 or in CO 798-9682.

KEY TO ABBREVIATIONS

- CMA: California Medical Association
Contact: Continuing Medical Education, California Medical Association, PO Box 7690, San Francisco 94120-7690. (415) 863-5522.
- DREW: Charles R. Drew Postgraduate Medical School
Contact: Herbert M. Thomas, MD, MPH, Director of CME, Office of Continuing Education, Charles R. Drew Postgraduate Medical School, 1621 East 120th Street, Los Angeles 90059. (213) 603-3183.
- LLU: Loma Linda University
Contact: Varner J. Johns, Jr, MD, Associate Dean for Continuing Medical Education, Loma Linda University School of Medicine, Loma Linda 92354. (714) 796-7311, ext 2400.
- PMC: Pacific Medical Center
Contact: Continuing Education, Pacific Medical Center, PO Box 7999, San Francisco 94120. (415) 563-4321, ext 2761.
- STAN: Stanford University
Contact: Edward Rubenstein, MD, Associate Dean for Postgraduate Education, Medical School Office Building, Suite X-365, Stanford 94305-6114. (415) 723-5594.
- UCD: University of California, Davis
Contact: Ruth Feryok, Director, Office of Continuing Medical Education, University of California, Davis, School of Medicine, 2701 Stockton Boulevard, Sacramento 95817. (916) 453-5390.
- UCI: University of California, Irvine
Contact: Melvin I. Marks, MD, Assistant Dean, University of California, Irvine, California College of Medicine, c/o UCI/CME Program, Memorial Medical Center, 2801 Atlantic Avenue, Long Beach 90801-1428. (213) 595-3811, or (714) 856-5414, UCI Extension.
- UCLA: University of California, Los Angeles
Contact: Martin D. Shickman, MD, Director, Continuing Education in Medicine and the Health Sciences, PO Box 24902, UCLA, Los Angeles 90024. (213) 825-7241.
- UCSD: University of California, San Diego
Contact: Office of Continuing Medical Education, University of California, San Diego, School of Medicine (M-017), La Jolla 92093. (619) 452-3940.
- UCSF: University of California, San Francisco
Contact: Robert Maggio, Administrative Director, Extended Programs in Medical Education, School of Medicine, University of California, San Francisco 94143. (415) 476-4251.
- USC: University of Southern California
Contact: Phil R. Manning, MD, Associate Dean, Postgraduate Division, University of Southern California School of Medicine, 1975 Zonal Ave, KAM314, Los Angeles 90033. (213) 224-7051.

May 24-30—**5th Annual Cardiology Update.** Institute for Medical Studies at Honolulu, Hawaii. Sun-Sat. 26 hrs. \$395. Contact: Lisa Krehbiel, Inst for Med Studies, 30131 Town Ctr Dr, Ste 215, Laguna Niguel 92677. (714) 495-4499.

June 7-10—**Critical Examination Review Course.** American College of Chest Physicians at Hotel Del Coronado, Coronado. Sun-Wed. 30 hrs. \$575. Contact: ACCP, PO Box 93826, Chicago, IL 60673. (312) 698-2200.

June 10—**Cardiology: Arrhythmias.** LLU at LLU. Wed. 4 hrs. \$60. Contact: LLU.

June 10-13—**Advanced Echocardiography and Doppler Ultrasound—1987.** American College of Cardiology at Sheraton Harbor Island East, San Diego. Wed-Sat. Contact: Mary Anne McInerney, ACC, 9111 Old Georgetown Rd, Bethesda, MD 20814. (301) 897-5400, ext 226.

June 18-20—**Coronary Heart Disease: Current Concepts.** Medical Education Resources at Sheraton Waikiki Hotel, Honolulu, Hawaii. Thurs-Sat. 11 hrs. \$295. Contact: Debbie Wilderson, Medical Education Resources, 5808 S Rapp St, Ste 202, Littleton, CO 80120. (800) 421-3756.

June 25-27—**Consultative Cardiology: Update in Diagnostic and Therapeutic Techniques.** American College of Cardiology at Westin South Coast Hotel, Costa Mesa. Thurs-Sat. Contact: Mary Anne McInerney, ACC, 9111 Old Georgetown Rd, Bethesda, MD 20814. (301) 897-5400, ext 226.

July 17-18—**Coronary Heart Disease: Current Concepts.** Medical Education Resources at Sheraton Hotel, Anaheim. Fri-Sat. 11 hrs. \$295. Contact: Debbie Wilderson, 5808 S Rapp St, Ste 202, Littleton, CO 80120. (800) 421-3756.

July 31-August 1—**Arrhythmias: Interpretation, Diagnosis, and Management.** Medical Education Resources at Harvey's Hotel, Lake Tahoe, Nevada. Fri-Sat. 11 hrs. \$295. Contact: Debbie Wilderson, 5808 S Rapp St, Ste 202, Littleton, CO 80120. (800) 421-3756.

August 7-8—**Coronary Heart Disease: Current Concepts.** Medical Education Resources at Doubletree Inn, Monterey. Fri-Sat. 11 hrs. \$295. Contact: Debbie Wilderson, 5808 S Rapp St, Ste 202, Littleton, CO 80120. (800) 421-3756 or (303) 798-9682.

DERMATOLOGY

June 5-6—**6th Annual Southwestern Regional Cutaneous Flap Workshop.** UCLA at UCLA. Fri-Sat. 11 hrs. Contact: UCLA.

August 13-15—**Problems of the Aging Skin.** STAN at Hyatt Rickey's Hotel, Palo Alto. Thurs-Sat. Contact: STAN.

August 14-15—**Cryostat and Microscopically Controlled Surgical Workshop.** UCSD. Fri-Sat. 15 hrs. Contact: Daniel E. Gormley, MD, Director, 412 W Carroll, Glendora 91740. (818) 963-7684.

EMERGENCY MEDICINE

March 16-20—**Postgraduate Institute for Emergency and Primary Care Physicians, Symposium II and Advanced Emergency Procedures Laboratory.** UCSD. Mon-Fri. 32 hrs. \$325-440. Contact: UCSD.

April 11-18—**Infectious and Toxicologic Emergencies.** Scripps Memorial Hospital, Encinitas at Waiohai Resort and Poipu Beach Hotel, Kauai, HI. One week. 21 hrs. \$375. Contact: Edith Bookstein, PO Box 2586, La Jolla 92038. (619) 454-3212.

April 24-26—**Advanced Cardiac Life Support.** CPR Seminars at Ralph K. Davies Medical Center, San Francisco. Fri-Sun. Contact: CPR Seminars, 833 Market St, Ste 421, San Francisco 94103. (415) 543-7282.

April 25-May 1—**Critical Care Medicine.** University of Colorado at Inter-Continental Hotel, Maui, Hawaii. Sat-Fri. 20 hrs. \$395. Contact: Univ of CO, Office of CME, 4200 E 9th Ave, Box C-295, Denver, CO 80262. (303) 394-5195.

May 4-8—**Postgraduate Institute for Emergency and Primary Care Physicians—Symposium I and Advanced Emergency Procedures Laboratory.** UCSD at Hotel Inter-Continental, San Diego. Mon-Fri. 32 hrs. \$325-440. Contact: UCSD.

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CONTINUING MEDICAL EDUCATION

(Continued from Page 299)

May 13-17—**9th Annual: Wound Management Workshop.** UCSD at San Diego Hilton Beach and Tennis Resort. Wed-Sun. Contact: Edith Bookstein, PO Box 2586, La Jolla 92038. (619) 454-3212.

June 1-5—**Topics in Emergency Medicine.** UCSF at Holiday Inn Union Square, San Francisco. Mon-Fri. 31 hrs. \$420. Contact: UCSF.

June 22-26—**Postgraduate Institute for Emergency and Primary Care Physicians, Symposium III and Advanced Emergency Procedures Lab.** UCSD at Hanalei Hotel, San Diego. Mon-Fri. 32 hrs. \$325-440. Contact: UCSD.

July 24-26—**Advanced Cardiac Life Support.** CPR Seminars at Ralph K. Davies Medical Center. San Francisco. Fri-Sun. Contact: CPR Seminars, 833 Market St, Ste 421, San Francisco 94103. (415) 543-7282.

August 17-21—**Postgraduate Institute for Emergency and Primary Care Physicians, Symposium II and Advanced Emergency Procedures Lab.** UCSD at UCSD. Mon-Fri. 32 hrs. \$325-440. Contact: UCSD.

INTERNAL MEDICINE

March 20-21—**Update in Gastroenterology—1987.** Eisenhower Medical Center, Rancho Mirage. Fri-Sat. Contact: Annenberg Ctr for Health Sciences, Eisenhower Med Ctr, 39000 Bob Hope Dr, Rancho Mirage 92270. In California, (800) 621-7322, National, (800) 321-3690.

March 30-April 1—**Federation of Western Societies of Neurological Science 24th Annual Meeting.** Mon-Wed at Hotel Del Coronado, Coronado. Contact: Patrick D. Lyden, MD, Dept of Neurosciences, UCSD Medical Center H-815A, 225 W Dickinson St, San Diego 92103. (619) 452-3940.

April 2-4—**Intrauterine Diagnosis and Treatment: The New Frontier.** UCSD at Hotel Inter-Continental, San Diego. Thurs-Sat. Contact: UCSD.

April 4-5—**Diabetes Update: 2nd Triennial Conference.** Cypress Foundation at Hyatt Regency, Monterey. Sat-Sun. 10 hrs. Contact: Cypress Foundation, PO Box 80308, Salinas 93912. (408) 455-1833.

April 8-10—**Advances in Infectious Disease: Current Therapy.** UCSF at Hyatt Regency Embarcadero, San Francisco. Wed-Fri. 16 hrs. \$350. Contact: UCSF.

April 23-24—**7th Annual Infectious Diseases—Clinical Update.** Sutter Community Hospitals and Mercy Hospital of Sacramento at Red Lion Inn, Sacramento. Thurs-Fri. 14 hrs. Contact: Infectious Diseases Symposium, Metro Centre, 1600 Sacramento Inn Way, Ste 132, Sacramento 95815. (916) 925-1366.

April 29—**Thyroid '87.** Hospital of the Good Samaritan at Moseley-Salvatori Conference Ctr, Los Angeles. Wed. 7 Hrs. Contact: Dolores Gay, Hosp of the Good Samaritan, 637 S Lucas Ave, Los Angeles 90017. (213) 977-2555.

May 2—**New Treatments in Liver and Biliary Tract Disease.** Scripps Clinic and Research Foundation, La Jolla. Sat. 7 hrs. \$110. Contact: Bonny Mower, Dept of Academic Affairs, Scripps Clinic and Research Foundation, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 457-8556.

May 16—**Clinical Aspects of Viral Disease.** Grossmont District Hospital at Kona Kai Club, San Diego. Sat. Contact: Vera Belyeu, Grossmont District Hospital, 5555 Grossmont Center Dr, La Mesa 92041. (619) 465-0711, ext 245.

May 18-22—**Advances in Internal Medicine.** UCSF at Hyatt on Union Square, San Francisco. Mon-Fri. 32 hrs. \$440. Contact: UCSF.

June 17-19—**Gastroenterology: Recent Developments in Theory and Practice.** UCSF at Hyatt on Union Square, San Francisco. Wed-Fri. 17 hrs. \$375. Contact: UCSF.

June 22-26—**Advances in Internal Medicine.** UCSF at UCSF. Mon-Fri. 32 hrs. \$440.

June 26—**New Developments in Gastroenterology: Mucosal Injury, Esophageal Reflux and Sleep Disorders.** Sequoia Hospital and the Northern California Society for Clinical Gastroenterology at San Francisco Airport Hilton Hotel. 6 hrs. Contact: Daniel Liebowitz, MD, Sequoia Hospital, (800) 345-0409.

OB/GYN

March 20-22—**Obstetrical Anesthesia—1987.** UCSF at Hotel Meridien, San Francisco. Fri-Sun. Contact: UCSF.

March 25-28—**Gynecological Surgery With Emphasis on Vulvar and Vaginal Disease.** UCI at Hilton Riviera, Palm Springs. Wed-Sat. 16.5 hrs. Contact: UCI.

April 2-4—**Fetal Diagnosis and Treatment.** UCSD. Thurs-Sat. Contact: UCSD.

April 30-May 2—**12th Annual Symposium: Care of the Sick Newborn.** UCI. Thurs-Sat. 19 hrs. Contact: UCI.

May 6-10—**Annual Scientific Program and Postgraduate Courses.** Pacific Coast Fertility Society at Americana Canyon Hotel, Palm Springs. Wed-Sun. 22 hrs. Contact: Pacific Coast Fertility Society, 5820 Wilshire Blvd, #500, Los Angeles 90036. (213) 937-5514.

May 7-8—**Advanced Fetal Rate Monitoring.** UCI. Thurs-Fri. Contact: UCI.

June 11-13—**Gynecologic Oncology and Breast Disease.** American College of Obstetricians and Gynecologists at Fairmont Hotel, San Francisco. Thurs-Sat. Contact: Robin Murray, ACOG, 600 Maryland Ave, SW, Washington, DC 20024-2588. (202) 638-5577.

June 30-July 5—**5th Annual Controversies in Obstetrics and Gynecology.** UCI at Mauna Kea Beach Resort, Hawaii. Tues-Sun. 22 hrs. Contact: UCI.

ORTHOPAEDICS

April 3-5—**Techniques of Intramedullary Nailing: Tibia, Humerus, and Femur.** Centinela Hospital Medical Center at Century Plaza Hotel, Century City. Fri-Sun. 15 hrs. \$395. Contact: Jeanne Spala, DME, Centinela Hospital, 555 E Hardy St, Inglewood 90307. (213) 673-4660, ext 8213.

April 30-May 2—**American Back Society Spring Symposium on Back Pain.** Anaheim Hilton Hotel. Thurs-Sat. Contact: Aubrey A. Swartz, MD, American Back Society, 2647 E 14th St, Oakland 94601. (415) 536-9929.

May 4-8—**Osteoporosis/Spine Update.** UCSF at Hyatt Regency Hotel, San Francisco. Mon-Fri. Contact: UCSF.

PATHOLOGY

May 21-22—**Annual Meeting: Current Issues in Anatomic Pathology.** UCSF at San Francisco. Thurs-Fri. 12 hrs. Contact: UCSF.

PEDIATRICS

April 2-4—**20th Annual Advances and Controversies in Clinical Pediatrics.** UCSF at Fairmont Hotel, San Francisco. Thurs-Sat. 15 hrs. Contact: UCSF.

April 8—**Pediatrics: Genetics.** LLU. Wed. 4 hrs. \$60. Contact: LLU.

April 10-11—**Ambulatory Pediatrics.** UCD at Red Lion Motor Inn, Sacramento. Fri-Sat. 15 hrs. \$175. Contact: UCD.

May 4-7—**Pediatrics in the 80s—The 17th Annual Pediatrics Course.** USC at Marina Beach Hotel, Marina del Rey. Mon-Thurs. 18.5 hrs. \$395. Contact: USC—in California, (800) 321-1929, National, (800) 421-6729.

PSYCHIATRY

March 28-29—**The Cutting Edge 1987: Difficult Treatment Problems With Borderline and Narcissistic Patients.** UCSD at Hotel Inter-Continental, San Diego. Sat-Sun. 13 hrs. Contact: UCSD.

April 10-11—**Mental Health in the Workplace.** UCSF at Cathedral Hill Hotel, San Francisco. Fri-Sat. 11.5 hrs. \$200. Contact: UCSF.

(Continued on Page 305)

In mild to moderate hypertension THE FIRST ONCE DAILY CALCIUM CHANNEL BLOCKER

Brief Summary

ISOPTIN® SR (verapamil HCl/Knoll) 240 mg scored, sustained-release tablets

CONTRAINDICATIONS: 1) Severe left ventricular dysfunction (see WARNINGS), 2) Hypotension (less than 90 mmHg systolic pressure) or cardiogenic shock, 3) Sick sinus syndrome or 2nd or 3rd degree AV block (except in patients with a functioning artificial ventricular pacemaker).

WARNINGS: Heart Failure: ISOPTIN should be avoided in patients with severe left ventricular dysfunction (see DRUG INTERACTIONS). Patients with milder ventricular dysfunction should, if possible, be controlled before verapamil treatment. Hypotension: ISOPTIN (verapamil HCl) may produce occasional symptomatic hypotension. Elevated Liver Enzymes: Elevations of transaminases with and without concomitant elevations in alkaline phosphatase and bilirubin have been reported. Periodic monitoring of liver function in patients receiving verapamil is therefore prudent. Accessory Bypass Tract (Wolff-Parkinson-White): Patients with paroxysmal and/or chronic atrial flutter or atrial fibrillation and a coexisting accessory AV pathway have developed increased antegrade conduction across the accessory pathway producing a very rapid ventricular response or ventricular fibrillation after receiving intravenous verapamil. While this has not been reported with oral verapamil, it should be considered a potential risk. Treatment is usually D.C.-cardioversion. Atrioventricular Block: The effect of verapamil on AV conduction and the SA node may cause asymptomatic 1st degree AV block and transient bradycardia. Higher degrees of AV block, while infrequent (0.8%), may require a reduction in dosage or, in rare instances, discontinuation of verapamil HCl. Patients with Hypertrophic Cardiomyopathy (HSS): Although verapamil has been used in the therapy of patients with HSS, severe cardiovascular decompensation and death have been noted in this patient population.

PRECAUTIONS: Impaired Hepatic or Renal Function: Verapamil is highly metabolized by the liver with about 70% of an administered dose excreted in the urine. In patients with impaired hepatic or renal function verapamil should be administered cautiously and the patients monitored for abnormal prolongation of the PR interval or other signs of excessive pharmacological effects (see OVERDOSAGE).

Drug Interactions: Beta Blockers: Concomitant use of ISOPTIN and oral beta-adrenergic blocking agents may be beneficial in certain patients with chronic stable angina or hypertension, but available information is not sufficient to predict with confidence the effects of concurrent treatment in patients with left ventricular dysfunction or cardiac conduction abnormalities. Digitalis: Clinical use of verapamil in digitalized patients has shown the combination to be well tolerated if digoxin doses are properly adjusted. However, chronic verapamil treatment increases serum digoxin levels by 50 to 75% during the first week of therapy and this can result in digitalis toxicity. Upon discontinuation of ISOPTIN (verapamil HCl), the patient should be reassessed to avoid underdigitalization. Antihypertensive Agents: Verapamil administered concomitantly with oral antihypertensive agents (e.g., vasodilators, angiotensin-converting enzyme inhibitors, diuretics, beta blockers, prazosin) will usually have an additive effect on lowering blood pressure. Patients receiving these combinations should be appropriately monitored. Disopyramide: Disopyramide should not be administered within 48 hours before or 24 hours after verapamil administration. Quinidine: In patients with hypertrophic cardiomyopathy (HSS), concomitant use of verapamil and quinidine resulted in significant hypotension. There has been a report of increased quinidine levels during verapamil therapy. Nitrates: The pharmacologic profile of verapamil and nitrates as well as clinical experience suggest beneficial interactions. Cimetidine: Two clinical trials have shown a lack of significant verapamil interaction with cimetidine. A third study showed cimetidine reduced verapamil clearance and increased elimination to 1/2. Anesthetic Agents: Verapamil may potentiate the activity of neuromuscular blocking agents and inhalation anesthetics. Carbamazepine: Verapamil may increase carbamazepine concentrations during combined therapy. Rifampin: Therapy with rifampin may markedly reduce oral verapamil bioavailability. Lithium: Verapamil may lower lithium levels in patient on chronic oral lithium therapy. Carcinogenesis, Mutagenesis, Impairment of Fertility: There was no evidence of a carcinogenic potential of verapamil administered to rats for two years. Verapamil was not mutagenic in the Ames test. Studies in female rats did not show impaired fertility. Effects on male fertility have not been determined. Pregnancy (Category C): There are no adequate and well-controlled studies in pregnant women. ISOPTIN crosses the placental barrier and can be detected in umbilical vein blood at delivery. This drug should be used during pregnancy, labor, and delivery, only if clearly needed. Nursing Mothers: ISOPTIN is excreted in human milk, therefore, nursing should be discontinued while verapamil is administered. Pediatric Use: Safety and efficacy of ISOPTIN in children below the age of 18 years have not been established.

ADVERSE REACTIONS: Constipation 8.4%, dizziness 3.5%, nausea 2.7%, hypotension 2.5%, edema 2.1%, headache 1.9%, CHF/pulmonary edema 1.8%, fatigue 1.7%, bradycardia 1.4%, 3° AV block 0.8%, flushing 0.1%, elevated liver enzymes (see WARNINGS). The following reactions, reported in less than 1.0% of patients, occurred under conditions (open trials, marketing experience) where a causal relationship is uncertain; they are mentioned to alert the physician to a possible relationship: angina pectoris, arthralgia and rash, AV block, blurred vision, cerebrovascular accident, chest pain, claudication, confusion, diarrhea, dry mouth, dyspnea, ecchymosis or bruising, equilibrium disorders, exanthema, gastrointestinal distress, gingival hyperplasia, gynecomastia, hair loss, hyperkeratosis, impotence, increased urination, insomnia, macules, muscle cramps, myocardial infarction, palpitations, paresthesia, psychotic symptoms, purpura (vasculitis), shakiness, somnolence, spotty menstruation, sweating, syncope, urticaria. Treatment of Acute Cardiovascular Adverse Reactions: Whenever severe hypotension or complete AV block occur following oral administration of verapamil, the appropriate emergency measures should be applied immediately, e.g., intravenously administered isoproterenol HCl, levalterenol bitartrate, atropine (all in the usual doses), or calcium gluconate (10% solution). If further support is necessary, inotropic agents (dopamine or dobutamine) may be administered. Actual treatment and dosage should depend on the severity and the clinical situation and the judgment and experience of the treating physician.

OVERDOSAGE: Treatment of overdosage should be supportive. Beta-adrenergic stimulation or parenteral administration of calcium solutions may increase calcium ion flux across the slow channel, and have been used effectively in treatment of deliberate overdosage with verapamil. Clinically significant hypotensive reactions or fixed high degree AV block should be treated with vasopressor agents or cardiac pacing, respectively. Asystole should be handled by the usual measures including cardiopulmonary resuscitation.

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CONTINUING MEDICAL EDUCATION

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RADIOLOGY

March 16-20—**Diagnostic Imaging—1987.** UCSF at Waiohai Hotel, Kauai, Hawaii. Mon-Fri. Contact: UCSF.

April 9-11—**Thoracic Imaging—1987.** UCSF at Hyatt Regency, Monterey. Thurs-Sat. Contact: UCSF.

April 10-12—**OB/GYN and Abdominal Sonography: Update 1987.** UCSF at Hyatt Regency on Union Square, San Francisco. Fri-Sun. Contact: UCSF.

April 13-17—**Vascular Imaging.** University of Washington at Royal Lahaina Resort, Maui, Hawaii. Mon-Fri. Contact: Univ of Washington, Div of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

April 19-25—**7th Annual San Diego Residents' Radiology Review Course.** UCSD at Town and Country Hotel, San Diego. Sun-Sat. Contact: UCSD.

May 1-3—**12 Annual Spring Diagnostic Ultrasound.** Los Angeles Radiological Society at Century Plaza Hotel, Los Angeles. Fri-Sun. 19.5 hrs. \$325. Contact: Diane L. Johnson, LARS, 5200 Century Blvd, Ste 920, Los Angeles 90045. (213) 642-0921.

May 5-9—**7th Annual Diagnostic Ultrasound Post Conference Seminar.** Los Angeles Radiological Society at Sheraton Princeville Hotel, Kauai, Hawaii. Tues-Sat. 19 hrs. \$395. Contact: Diane L. Johnson, LARS, 5200 Century Blvd, Ste 920, Los Angeles 90045. (213) 642-0921.

June 10-13—**Advanced Echocardiography and Doppler Ultrasound—1987.** American College of Cardiology at Sheraton Harbor Island East, San Diego. Wed-Sat. Contact: Mary Anne McInerney, ACC, 9111 Old Georgetown Rd, Bethesda, MD 20814. (301) 897-5400, ext 226.

June 14-16—**1987 Radiology US Open Golf Meeting.** UCSF at Hyatt Regency, San Francisco. Sun-Tues. Contact: UCSF.

August 13-15—**Advanced Ultrasound.** American College of Obstetricians and Gynecologists at Silverado Inn, Napa. Thurs-Sat. Contact: Robin Murray, ACOG, 600 Maryland Ave SW, Washington, DC 20024-2588. (202) 638-5577.

August 26-28—**Interventional Radiology.** UCSF at Hyatt Regency Hotel, San Francisco. Wed-Fri. Contact: UCSF.

SPORTS MEDICINE

March 16-20—**Annual University of Hawaii: Sports Medicine.** Princess Kaiulani Hotel, Waikiki, Honolulu, Hawaii. Mon-Fri. 18 hrs. \$300. Contact: Ms Joy Lewis, Box CEW-CCECS, 2530 Dole St, Honolulu, HI 96822. (808) 948-8244.

July 27-31—**Sports Medicine Update—1987.** UCSD at San Diego Princess Hotel, Vacation Village. Mon-Fri. 29.5 hrs. \$325. Contact: UCSD.

SURGERY

March 18-20—**Preoperative Evaluation of the Surgical Patient.** UCSF at Holiday Inn Union Square, San Francisco. Wed-Fri. 16 hrs. \$325. Contact: UCSF.

March 30-April 10—**Temporal Bone Surgical Dissection—1987.** House Ear Institute, Los Angeles. Mon-Fri. 100 hrs. \$1,750. Contact: Antonio De la Cruz, MD, House Ear Institute, 256 S Lake St, Los Angeles 90057. (213) 483-4431.

April 11-18—**Surgery.** University of Washington at Royal Lahaina Hotel, Maui, Hawaii. One week. Contact: University of Washington School of Medicine, Div of CME, Sc-50, Seattle, WA 98195. (206) 543-1050.

April 30-May 2—**American Back Society Spring Symposium.** Anaheim Hilton Hotel. Thurs-Sat. Contact: Aubrey A. Swartz, American Back Soc, 2647 E. 14th St, Ste 401, Oakland 94601. (415) 536-9929.

April 30-May 2—**Postgraduate Course in General Surgery.** UCSF at San Francisco. Thurs-Sat. 15 hrs. Contact: UCSF.

May 11-15—**The San Francisco Orthopaedic Review Course.** UCSF at San Francisco. Mon-Fri. 40 hrs. Contact: UCSF.

May 13—**Otolaryngology: ENT Infections.** LLU at LLU. Wed. 4 hrs. \$60. Contact: LLU.

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CONTINUING MEDICAL EDUCATION

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- May 14-16—**Symposium on the Temporomandibular Joint.** UCSF at Hyatt Regency, Monterey. Thurs-Sat. Contact: UCSF.
- June 4-5—**16th Annual Neurosurgical Postgraduate Course.** UCSF at San Francisco. Thurs-Sat. 15 hrs. Contact: UCSF.
- June 5-6—**6th Annual Southwestern Regional Cutaneous Flap Workshop.** UCLA at UCLA. Fri-Sat. 11 hrs. Contact: UCLA.
- June 14-20—**Temporal Bone Surgical Dissection—1987.** House Ear Institute, Los Angeles. Sun-Sat. 62 hrs. \$950. Contact: Antonio De la Cruz, MD, House Ear Institute, 256 S Lake St, Los Angeles 90057. (213) 483-4431.

OF INTEREST TO ALL
PHYSICIANS

- March 16-20—**Epidemics, Pandemics, and Mass Hysteria: From Antiquity to AIDS.** Kauai Foundation for Continuing Education at Poipu Beach, Kauai, Hawaii. Mon-Fri. 19 hrs. Contact: David J. Elpern, MD, Kauai Foundation for Continuing Education, PO Box 3650, Lihue, HI 96766. (808) 245-1507.
- March 16-27—**Sexually Transmitted Disease (STD) Clinician Training Course—Comprehensive.** Long Beach Health Dept and UCI at Long Beach. Mon-Fri. Contact: Anne-Renee Heningberg, Long Beach STD Trng Ctr, Long Beach 90806. (213) 427-7421.
- March 19-27—**Specialty Series in Primary Care: Cardiology, Infectious Diseases and Endocrinology.** UCSD at Palm Springs Spa Hotel. Thurs-Fri. Contact: UCSD.
- March 26-28—**CPR Update/ACLS Recertification.** UCSF at Holiday Inn Union Square, San Francisco. Thurs-Sat. 21.5 hrs. \$350. Contact: UCSF.
- March 28—**Management of the Menopause: Osteoporosis and Estrogen Replacement Therapy.** Scripps Clinic and Research Foundation at La Jolla. Sat. 7 hrs. \$110. Contact: Bonny Mower, Dept of Academic Affairs, Scripps Clinic, 10666 N Torrey Pines Rd, La Jolla 92037. (619) 457-8556.
- March 30-April 2—**Perspectives in Family Practice.** UCLA at King Kamehameah Hotel, Kona, Hawaii. Mon-Thurs. 20 hrs. \$400. Contact: UCLA.
- April 4-5—**Diabetes Update: 2nd Triennial Conference.** Cypress Foundation at Hyatt Regency Monterey. Sat-Sun. 10 hrs. Contact: Cypress Foundation, PO Box 80308, Salinas 93912. (408) 455-1833.
- April 6-10—**Drug Therapy.** University of Washington at Kona Surf Resort, Hawaii. Mon-Fri. Contact: Univ of Washington, Div of CME, SC-50, Seattle, WA 98195. (206) 543-1050.
- April 13-17—**Sexually Transmitted Disease (STD) Clinician Training Course—Advanced.** Long Beach Health Dept and UCI at Long Beach. Mon-Fri. Contact: Anne-Renee Heningberg, Long Beach STD Trng Ctr, PO Box 6157, Long Beach 90806. (213) 427-7421.
- April 20-23—**Selected Topics in Dermatology and Pulmonary Intensive Care.** LLU at LLU. Mon-Thurs. 16 hrs. \$400. Contact: LLU.
- April 23-25—**37th Annual Regional Postgraduate Institute for San Joaquin Valley Counties.** CMA and Fresno-Madera Medical Society at Curry Village Pavilion, Yosemite. Thurs-Sat. 12 hrs. \$150-200. Contact: Janice Rigney, CMA.
- April 25-26—**Transurethral Ureteroscopy: A Seminar and Workshop.** UCSD at La Jolla Marriott Hotel, La Jolla. Sat-Sun. 13.5 hrs. \$275-400. Contact: UCSD.
- May 11-12—**6th Annual Physical Abuse: The Traumatized Child and Family.** UCD at Sacramento Inn. Mon-Tues. 11 hrs. \$100. Contact: UCD.
- May 11-13—**Arthritis Update '87.** Sharp Memorial Hospital, San Diego and UCSD at Hyatt Islandia Hotel, San Diego. Mon-Wed. Contact: Mary Belich, Sharp Memorial Hospital, 7901 Frost St, San Diego 92123-2788. (619) 541-3400.
- June 8-13—**UCI Family Practice Refresher Course.** UCI at Newport Beach. Mon-Sat. Contact: UCI.
- June 15-19—**Sexually Transmitted Disease (STD) Clinician Training Course—Advanced.** Long Beach Health Dept and UCI at Long Beach. Mon-Fri. Contact: Anne-Renee Heningberg, Long Beach STD Trng Ctr, PO Box 6157, Long Beach 90806. (213) 427-7421.
- June 28-29—**9th Annual Poison Control Center: Management of Drug Overdose and Poisoning.** UCSF at San Francisco. Sun-Mon. 14 hrs. \$235. Contact: UCSF.

- July 6-9—**Family Practice Board Review.** UCSF at UCSF. Mon-Thurs. 25 hrs. Contact: UCSF.
- August 16-26—**30th Anniversary Postgraduate Refresher Course—Program I.** USC at Sheraton Waikiki Hotel, Honolulu and the Marriott Hotel, Maui, Hawaii. Sun-Wed. 37 hrs. \$535-585. Contact: USC, in California, (800) 321-1919, outside California, (800) 421-6729.
- August 23-September 2—**30th Anniversary Postgraduate Refresher Course—Program II.** USC at Marriott Hotel, Maui and the Waiohai Hotel, Kauai, Hawaii. Sun-Wed. 37 hrs. \$535-585. Contact: USC, in California, (800) 321-1929, outside California, (800) 421-6729.

IDAHO

- March 14-21—**How to Make Fitness and Health Promotion Work in Your Practice.** Sun Valley. One week. 24 hrs. Sponsors: University of Arizona, Department of Family and Community Medicine, and Epic Medical Expeditions. Contact: Epic Medical Expeditions, PO Box 209, Sun Valley 83353. (208) 788-4995.
- March 19-20—**Idaho Thoracic Society Annual Symposium.** Anderson Center, Boise. Thurs-Fri. 8 hrs. \$20, members; \$40, nonmembers. Contact: Idaho Thoracic Society, 2621 Camas St, Boise 83705. (208) 344-6567.
- July 27-August 2—**Idaho Medical Association Annual Meeting.** Coeur d'Alene. One week. Contact: IMA, 305 W Jefferson, PO Box 2668, Boise 83701. (208) 344-7888.

MONTANA

- April 3-4—**Montana Medical Association Interim Meeting.** Colonial Inn, Helena. Fri-Sat. Contact: MMA, 2012 11th Ave, Suite 12, Helena 59601. (406) 443-4000.
- June 18-20—**Montana Academy of Family Physicians—Annual Meeting.** Fairmont Hot Springs, Anaconda. 17 hrs. Contact: John Patterson, MD, 7 E Beall, Bozeman 59715. (406) 587-5123.

NEW MEXICO

Information, requests for accreditation and items to be listed should be sent to the chairman of the CME Committee, New Mexico Medical Society, 303 San Mateo NE, Suite 204, Albuquerque, NM 87108 at least two months in advance. For information on CME accreditation or on the CME requirements of the New Mexico Board of Medical Examiners, please write to the above address or call (505) 266-7868.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution for current details.

- March 14—**New Mexico Pediatric Society Wylder Lecture—Pediatric Neurology.** Albuquerque. Sat. Contact: NM Pediatric Society, (505) 758-8651.
- March 14—**Perfecting Your Cardiac Physical Diagnosis Techniques: Lessons From a Master—A Symposium by W. Proctor Harvey, MD.** Albuquerque. Sat. Contact: Office of CME, UNM School of Medicine, Albuquerque 87131. (505) 277-3942.

(Continued on Page 310)

XANAX® Tablets
(alprazolam) ©**CONTRAINDICATIONS**

Patients with sensitivity to this drug or other benzodiazepines and in acute narrow angle glaucoma.

WARNINGS

Not of value in psychotic patients. Caution patients against hazardous occupations requiring complete mental alertness and about the simultaneous ingestion of alcohol and other CNS depressant drugs.

Benzodiazepines can cause fetal harm in pregnant women. Warn patients of the potential hazard to the fetus. Avoid during the first trimester.

PRECAUTIONS

General: The dosage of XANAX Tablets should be reduced or withdrawn gradually, since withdrawal seizures have been reported upon abrupt withdrawal. If XANAX is combined with other psychotropics or anticonvulsant drugs, consider drug potentiation (see Drug Interaction section). Exercise the usual precautions regarding size of the prescription for depressed or suicidal patients. In elderly and debilitated patients, use the lowest possible dosage (see Dosage and Administration). Observe the usual precautions in treating patients with impaired renal or hepatic function.

Information for Patients: Alert patients about: (a) consumption of alcohol and drugs, (b) possible fetal abnormalities, (c) operating machinery or driving, (d) not increasing dose of the drug due to risk of dependence, (e) not stopping the drug abruptly. **Laboratory Tests:** Not ordinarily required in otherwise healthy patients. **Drug Interactions:** Additive CNS depressant effects with other psychotropics, anticonvulsants, antihistamines, ethanol and other CNS depressants. Pharmacokinetic interactions with other drugs, e.g., cimetidine, have been reported. **Drug/Laboratory Test Interactions:** No consistent pattern for a drug or test. **Carcinogenesis, Mutagenesis, Impairment of Fertility:** No carcinogenic potential or impairment of fertility in rats. **Pregnancy:** See Warnings. **Nonteratogenic Effects:** The child born of a mother on benzodiazepines may be at some risk for withdrawal symptoms and neonatal flaccidity. **Labor and Delivery:** No established use. **Nursing Mothers:** Benzodiazepines are excreted in human milk. Women on XANAX should not nurse. **Pediatric Use:** Safety and effectiveness in children below the age of 18 have not been established.

ADVERSE REACTIONS

Side effects are generally observed at the beginning of therapy and usually disappear with continued medication. In the usual patient, the most frequent side effects are likely to be an extension of the pharmacologic activity of XANAX, e.g., drowsiness or lightheadedness.

Central nervous system: Drowsiness, lightheadedness, depression, headache, confusion, insomnia, nervousness, syncope, dizziness, akathisia, and tiredness/sleepiness. **Gastrointestinal:** Dry mouth, constipation, diarrhea, nausea/vomiting, and increased salivation. **Cardiovascular:** Tachycardia/palpitations, and hypotension. **Sensory:** Blurred vision. **Musculoskeletal:** Rigidity and tremor. **Cutaneous:** Dermatitis/allergy. **Other side effects:** Nasal congestion, weight gain, and weight loss. Withdrawal seizures have been reported upon rapid decrease or abrupt discontinuation of XANAX. (See Precautions.)

In addition, the following adverse events have been reported with the use of benzodiazepines: dystonia, irritability, concentration difficulties, anorexia, transient amnesia or memory impairment, loss of coordination, fatigue, sedation, slurred speech, jaundice, musculoskeletal weakness, pruritus, diplopia, dysarthria, changes in libido, menstrual irregularities, incontinence and urinary retention.

Paradoxical reactions such as stimulation, agitation, increased muscle spasticity, sleep disturbances, and hallucinations may occur. Should these occur, discontinue the drug.

During prolonged treatment, periodic blood counts, urinalysis, and blood chemistry analysis are advisable. Minor EEG changes, of unknown significance, have been observed.

DRUG ABUSE AND DEPENDENCE

Physical and Psychological Dependence: Withdrawal symptoms have occurred following abrupt discontinuance of benzodiazepines. Withdrawal seizures have occurred upon rapid decrease or abrupt discontinuation of therapy. In all patients, dosage should be gradually tapered under close supervision. Patients with a history of seizures or epilepsy should not be abruptly withdrawn from XANAX. Addiction-prone individuals should be under careful surveillance. **Controlled Substance Class:** XANAX is a controlled substance and has been assigned to schedule IV.

OVERDOSAGE

Manifestations include somnolence, confusion, impaired coordination, diminished reflexes and coma. No delayed reactions have been reported.

DOSAGE AND ADMINISTRATION

Dosage should be individualized.

The usual starting dose is 0.25 to 0.5 mg, t.i.d. Maximum total daily dose is 4 mg. In the elderly or debilitated, the usual starting dose is 0.25 mg, two or three times daily. Reduce dosage gradually when terminating therapy, by no more than 0.5 milligram every three days.

HOW SUPPLIED

XANAX Tablets are available as 0.25 mg, 0.5 mg, and 1 mg tablets.

Caution: Federal law prohibits dispensing without prescription.

B-5-S



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J-7382
February 1987

CONTINUING MEDICAL EDUCATION

(Continued from Page 306)

March 19-20—**Cultural Issues in Family Therapy.** Albuquerque. Thurs-Fri. Contact: Office of CME, UNM School of Medicine, Albuquerque 87131. (505) 277-3942.

April 9-11—**9th Annual Pediatric Cardiopulmonary Update.** Albuquerque. Thurs-Sat. AMFAC Hotel. Contact: Office of CME, UNM School of Medicine, Albuquerque 87131. (505) 277-3942.

April 24-25—**Practical Orthopaedics in the Primary Care Setting.** Albuquerque. Fri-Sat. Veterans Administration Medical Center. Contact: Office of CME, UNM School of Medicine, Albuquerque 87131. (505) 277-3942.

May 6-8—**New Mexico Medical Society—Annual Meeting.** Albuquerque. Wed-Fri. Clarion Four Seasons. Contact: NMMS, 303 San Mateo NE, #204, Albuquerque 87108. (505) 266-7868.

May 15-16—**Biological and Ethical Dimensions of Human Transplantation.** Albuquerque. Fri-Sat. Contact: Office of Medical Education, Presbyterian Hospital, PO Box 26666, Albuquerque 87125. (505) 841-1225.

UTAH

This listing of continuing medical education courses in Utah is compiled and edited by the CME office of the Utah State Medical Association. All courses listed have been certified by CME accredited institutions as meeting the criteria for Category 1 of the Physician's Recognition Award of the American Medical Association. They also must meet the definition of Utah Approved CME Credit for the purpose of medical license reregistration in Utah. Accredited institutions wishing to list AMA Category 1/Utah Approved CME courses here should send information at least two months in advance to the Office of Continuing Medical Education, 540 East Fifth South, Salt Lake City, Utah 84102; or phone (801) 355-5290. For information on CME accreditation or on the CME requirements of the Utah Physicians' Licensing Board, please write the CME office at the above address.

NOTE: Course information in the following listing is subject to change on occasion. Check with the sponsoring institution or the CME office for current details.

MEDICAL GRAND ROUNDS

Each Wed—8:00-9:00 a.m. Alternating between University of Utah Medical Center and VA Medical Center, Salt Lake City. Contact: William D. Odell, MD, PhD, Professor and Chairman, Dept of Internal Medicine, Univ of Utah, (801) 581-7606.

SPONSORS OF COURSES—ABBREVIATIONS

CH:	Castleview Hospital (formerly Carbon Hospital), RFD 2, Box 46, Price, UT 84501. (801) 637-4800.
CWH:	Cottonwood Hospital, 5770 South 300 East, Salt Lake City 84101. (801) 262-3461.
HCH:	Holy Cross Hospital, 1045 East First South, Salt Lake City 84102. (801) 350-4744.
LDSH:	Latter-Day Saints Hospital, 325 8th Avenue, Salt Lake City 84143, (801) 350-1100.
MDH:	McKay-Dee Hospital Center, 3939 Harrison Blvd., Ogden 84409. (801) 399-4141.
OSS:	Ogden Surgical Society, PO Box 9311, Ogden 84409.
PCMC:	Primary Children's Medical Center, 320 12th Ave., Salt Lake City 84103. (801) 363-1221.
UUMC:	University of Utah Medical Center, 50 North Medical Drive, Salt Lake City 84132. (801) 581-2258.
UVH:	Utah Valley Hospital, 1034 North Fifth West, Provo 84601. (801) 373-7850.
VAMC:	Veterans Administration Medical Center, 500 Foothill Drive, Salt Lake City 84148. (801) 582-1565.

(Continued on Page 385)

rious, usually irreversible amnesia of rapid rather than slow onset that is readily apparent even to inexperienced observers. This disorder seems associated in most cases with thiamine deficiency although there is some controversy at present as to the exact relationship.

The anatomic basis for the amnesia of Korsakoff's syndrome remains controversial. Recently the nucleus basalis of Meynert has been suggested as the major site of involvement. Patients with amnesia of the Korsakoff type have considerable neuronal loss in this nucleus, less than in Alzheimer's disease but more than in Huntington's chorea, in schizophrenia or in chronic alcoholism with intact memory. Currently, evidence is insufficient to definitely implicate a cholinergic basis for the Korsakoff syndrome, but further investigation of this possibility appears warranted.

ARNOLD H. GREENHOUSE, MD
Reno, Nevada

REFERENCES

- Butters N: Alcoholic Korsakoff's syndrome: An update. *Semin Neurol* 1984 Jun; 4:226-244
- Cutting J: Alcoholic dementia. In Benson DF, Blumer D (Eds): *Psychiatric Aspects of Neurological Disease*, Vol 2. New York, Grune & Stratton, 1982, pp 149-165
- Lishman WA: Cerebral disorders in alcoholism: Syndromes of impairment. *Brain* 1981 Mar; 104(Pt 1):1-20
- Ron MA, Acker W, Lishman WA: Morphological abnormalities in the brains of chronic alcoholics—A clinical, psychological and computerized axial tomographic study. *Acta Psychiatr Scand* 1980; 62(suppl 286):41-46

Neurologic Use of Calcium Channel Blocking Agents

CALCIUM ANTAGONISTS are now widely used for treatment of vasospastic angina, cardiac arrhythmias and hypertension. By preventing the influx of calcium into vascular smooth muscle, these agents inhibit vasoconstriction and promote vasodilation. Furthermore, in a patient with ischemia, blockage of membrane calcium channels may prevent the intracellular biochemical changes that result in infarction. Such properties have naturally led to investigation of these agents for their use in neurologic disease involving pathologic alteration of cerebral blood flow.

Migraine

Although the precise pathophysiologic mechanism underlying migraine remains unknown, a vasoactive component appears to be prominent in many patients with this disorder.

Blocking migrainous intracranial and extracranial vasoconstriction theoretically may alleviate or prevent pain and reduce the incidence of associated focal neurologic deficit. Verapamil has been successfully used for migraine prophylaxis, generally in doses ranging from 40 to 80 mg three or four times a day and rarely with significant side effects; constipation and light-headedness are occasionally encountered. Nimodipine, a calcium antagonist with an apparent predilection for the cerebral vasculature, has likewise been used safely and effectively for migraine in a dose of 40 mg three times a day.

Vasospasm

Delayed cerebral vasospasm and consequent ischemic infarction are common and much-feared subacute complications of aneurysmal subarachnoid hemorrhage. Clinical experience with the calcium antagonists in this setting is limited, and there is no clear indication for their use at the present time. In one study, although the incidence of symptomatic cerebral vasospasm was not reduced by prophylactic use of nimodipine, such treatment did appear to lessen the severity of consequent neurologic deficit.

Ischemic Stroke

Pharmacologic protection against calcium-induced ischemic cell damage is a theoretically attractive therapy for acute stroke. In various experimental models of ischemic stroke, however, calcium antagonists have been inconsistently effective in reducing infarct size and may adversely influence outcome by promoting edema formation. A large-scale clinical trial of nimodipine for ischemic stroke is due to begin later this year, and, until results are forthcoming, this therapy should be considered experimental.

JOHN F. ROTHROCK, MD
San Diego

REFERENCES

- Allen GS, Ahn HS, Preziosi TJ, et al: Cerebral arterial spasm—A controlled trial of nimodipine in patients with subarachnoid hemorrhage. *N Engl J Med* 1983; 308:619-624
- Gelmers HJ: Nimodipine, a new calcium antagonist, in the prophylactic treatment of migraine. *Headache* 1983 May; 23:106-109
- Mabe H, Nagui H, Takagi T: Effect of nimodipine on cerebral functional and metabolic recovery following ischemia in the rat brain. *Stroke* 1986; 17:501-505
- Siesjo BK: Cerebral circulation and metabolism. *J Neurosurg* 1984; 60:883-908
- Solomon GD, Steel JG, Spaccavento LJ: Verapamil prophylaxis of migraine. *JAMA* 1983 Nov; 250:2500-2502

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CARTER MOSHER, MD
Sacramento

CONTINUING MEDICAL EDUCATION

(Continued from Page 310)

March 16-20—**Nutrition in Contemporary Medicine** (Sponsor: UUMC). Mon-Fri. Park City. 30 hrs. Contact: Malcolm Berenson, MD, (801) 581-3581.

March 20—**Diabetes and Nutrition Update** (Sponsor: UUMC). Fri. Univ of Utah, Salt Lake City. 8 hrs. Contact: (801) 581-5809.

March 26-28—**Neurology for the Practitioner** (Sponsor: UUMC). Thurs-Sat. Salt Lake City. 15 hrs. Contact: Richard Baringer, MD, (801) 581-8664.

April 6-8—**Genetic Testing and New Biomedical Technologies in the Prevention of Occupational and Environmental Disease** (Sponsor: UUMC). Mon-Wed. Park City. 18 hrs. Contact: Connie Crandall, (801) 581-8719.

March 18—**New Directions in Gynecologic Research**. Seattle. Wed. U/W Health Sciences. Contact: U/W.

March 19—**Recent Advances in Ultrasound Diagnosis and I125 Implantation for Prostate Carcinoma**. Seattle. Thurs. Gould Auditorium, Northwest Hospital. Contact: (206) 364-0500, #1621.

March 20—**Neuro-Ophthalmology Seminar**. Seattle. Fri. Virginia Mason Medical Center. Contact: VMMC.

March 30-April 10—**Rehabilitation Medical Review**. Seattle. Mon-Fri. Stouffer Madison Hotel. Contact: U/W.

April 15—**Anorectal**. Seattle. Wed. Gould Auditorium, Northwest Hospital. Contact: (206) 364-0500, #1621.

April 15-16 —**Introduction to Industrial Hygiene**. Seattle. Wed-Thurs. NW Center for Occupational Health and Safety. Contact: U/W Dept of Environmental Health, SC-34, Seattle 98195. (206) 543-1069.

WASHINGTON

This listing of continuing medical education programs in Washington state is compiled by the Washington State Medical Association. To list Category 1 programs here please send information at least two months in advance to Continuing Medical Education, Washington State Medical Association, 2033 Sixth Avenue, Suite 900, Seattle, WA 98121; or phone (206) 441-WSMA.

Brochures and registration forms are available from the contact person or organization listed at the end of each course or in the list of course sponsors and contact information.

COURSE SPONSORS AND CONTACT INFORMATION

CME HARBORVIEW—Contact: Gayle Splater, Cytology Continuing Education, Dept. of Pathology, Harborview Medical Center, 325 Ninth Avenue, Seattle, WA 98104. (206) 223-5953.

CME PIERCE COUNTY—Contact: Mrs Maxine Bailey, Executive Director, College of Medical Education, 705 South Ninth. No. 203, Tacoma, WA 98405. (206) 627-7137.

U/W (UNIVERSITY OF WASHINGTON)—Contact: U/W School of Medicine, Div. of CME, SC-50, Seattle, WA 98195. (206) 543-1050.

WSMA—Washington State Medical Association, Continuing Medical Education, 2033 Sixth Ave, Suite 900, Seattle, WA 98121. (206) 623-4801.

VMMC (VIRGINIA MASON MEDICAL CENTER)—Contact: Linda Orgel, Division of Continuing Medical Education, Virginia Mason Medical Center, PO Box 900, Seattle, WA 98111. (206) 223-6898.

(Continued on Page 387)

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In Memoriam

California Medical Association

BERKERY, EMMET M. Died Nov 8, 1986, aged 69. Graduate of State University of New York Downstate, Brooklyn, 1943. Licensed in California in 1949. Dr Berkery was a member of the Los Angeles County Medical Association.

BEST, ELBRIDGE J., San Francisco. Died Dec 12, 1986, aged 99. Graduate of University of California, San Francisco, 1911. Licensed in California in 1911. Dr Best was a member of the San Francisco Medical Society.

BROADLEY, PAUL H., San Diego. Died Nov 9, 1986, aged 54. Graduate of Tufts University School of Medicine, Boston, 1957. Licensed in California in 1967. Dr Broadley was a member of the San Diego County Medical Society.

CHERRY, CLIFFORD B., Los Angeles. Died Dec 8, 1986, aged 76. Graduate of Stanford University, Stanford, California, 1935. Licensed in California in 1935. Dr Cherry was a member of the Los Angeles County Medical Association.

CRARY, GERALD C., Santa Cruz. Died Dec 9, 1986, aged 56. Graduate of University of Oregon School of Medicine, Portland, 1955. Licensed in California in 1956. Dr Crary was a member of the Santa Cruz County Medical Society.

FELDMAN, JACOB F., Los Angeles. Died Nov 15, 1986, aged 89. Graduate of McGill Univer-

sity Faculty of Medicine, Montreal, 1923. Licensed in California in 1923. Dr Feldman was a member of the Los Angeles County Medical Association.

FISHMAN, HARVEY C. Died Sep 27, 1986, aged 75. Graduate of University of Manitoba, Winnipeg, 1937. Licensed in California in 1948. Dr Fishman was a member of the Los Angeles County Medical Association.

HOLDSWORTH, MODE J., Los Gatos. Died Oct 27, 1986, aged 84. Graduate of University of Michigan, Ann Arbor, 1925. Dr Holdsworth was a member of the Santa Clara County Medical Society.

KENNEDY, CHARLES R. Died Oct 28, 1986, aged 88. Graduate of University of Colorado School of Medicine, Denver, 1930. Licensed in California in 1930. Dr Kennedy was a member of the San Luis Obispo County Medical Society.

LAWLER, WILLIAM H., SR., Salinas. Died Nov 23, 1986, aged 86. Graduate of Stanford University, Stanford, California, 1928. Licensed in California in 1928. Dr Lawler was a member of the Monterey County Medical Society.

MACCALLUM, DANIEL B. Died Nov 12, 1986, aged 88. Graduate of Rush Medical College, Chicago, 1926. Licensed in California in 1927. Dr MacCallum was a member of the Los Angeles County Medical Association.

Montana Medical Association

MCGREGOR, ROBERT J., Great Falls. Died Jan 1987, aged 73. Graduate of University of Iowa College of Medicine, Iowa City, 1937. Dr McGregor was a member of the Cascade County Medical Society.

New Mexico Medical Society

RICE, LUCIEN G., Jr, Albuquerque. Died Feb 5, 1987, aged 78. Graduate of Cornell Medical College, New York, 1935. Licensed in New Mexico in 1938. Dr Rice was a member of the Greater Albuquerque Medical Association.

Utah State Medical Association

COOK, JOHN H., Salt Lake City. Died Oct 31, 1986, aged 58. Graduate of University of Utah. Licensed in Utah in 1957. Dr Cook was a member of the Salt Lake County Medical Society.

DAINES, LAURA L., Salt Lake City. Died Oct 30, 1986, aged 73. Graduate of University of California. Licensed in Utah in 1947. Dr Daines was a member of the Salt Lake County Medical Society.

RICH, CHARLES O., Salt Lake City. Died Nov 15, 1986, aged 88. Graduate of Washington University College of Medicine, St Louis. Dr Rich was a member of the Salt Lake County Medical Society.

WINTROBE, MAXWELL M., Salt Lake City. Died Dec 9, 1986, aged 85. Graduate of University of Manitoba, Winnipeg. Dr Wintrobe was a member of the Salt Lake County Medical Society.

CONTINUING MEDICAL EDUCATION

(Continued from Page 385)

April 17—**Basic Monitoring Laboratory.** Seattle. Fri. NW Center for Occupational Health and Safety. Contact: U/W Dept of Environmental Health, SC-34, Seattle 98195. (206) 543-1069.

April 24-25—**Benton-Franklin County Medical Society's 3rd Annual CME Seminar.** Richland. Fri-Sat. Holiday Inn. Contact: A. K. Sen, MD, (509) 783-4186.

April 25—**Mason Clinic Day.** Seattle. Sat. Virginia Mason Medical Center. Contact: VMMC.

May 1—**Topics in Pulmonary Medicine: Obstructive Airflow Disease Treatment.** Seattle. Fri. Virginia Mason Medical Center. Contact: VMMC.

May 8—**Current Issues in Asbestos Control.** Seattle. Fri. NW Center for Occupational Health and Safety. Contact: U/W Dept of Environmental Health, SC-34, Seattle 98195. (206) 543-1069.

May 13—**Neonatal.** Seattle. Wed. Gould Auditorium, Northwest Hospital. Contact: (206) 364-0500, #1621.

May 14-15—**Clinical Microbiology.** Seattle. Thurs-Fri. Contact: U/W.

May 20—**Management of Benign and Malignant Breast Disease.** Seattle. Wed. U/W Health Sciences. Contact: U/W.

May 27—**Dermatology.** Seattle. Wed. Gould Auditorium, Northwest Hospital. Contact: (206) 364-0500, #1621.

May 28-29—**Workers Compensation Update.** Seattle. Thurs-Fri. NW Center for Occupational Health and Safety. Contact U/W.

June 3—**Flexible Sigmoidoscopy III or IV.** Seattle. Wed. Gould Auditorium, Northwest Hospital. Contact: (206) 364-0500, #1621.

June 17-19—**Family Violence.** Seattle. Wed-Fri. Kane Hall, U/W. Contact: U/W.

June 25-26—**Infectious Diseases.** Seattle. Thurs-Fri. Holiday Inn Crowne Plaza. Contact: (206) 364-0500, #1621.

July 19-23—**Reducing Risks From Environmental Chemicals Through Biotechnology.** Seattle. Sun-Thurs. NW Center for Occupational Health and Safety. Contact: U/W.

July 24-26—**WSSA: Seafair IX Regional Anesthesia.** Seattle. Fri-Sun. Virginia Mason Medical Center. Contact: VMMC.

July 27-31—**The Pathology of Lung Cancer.** Seattle. Mon-Fri. Virginia Mason Medical Center. Contact: VMMC.

WYOMING

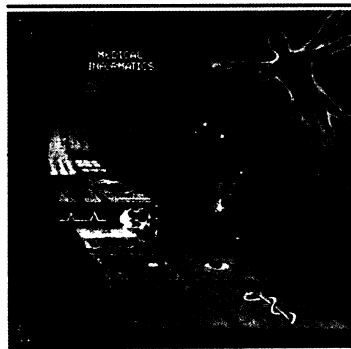
June 25-29—**Wyoming Medical Society Annual Meeting.** Jackson Lake Lodge, Moran. Thurs-Mon. Contact: WMS, PO Drawer 4009, Cheyenne 82003-4009. (307) 635-2424.

June 28-July 2—**Update on General Pediatrics.** University of Nebraska College of Medicine at Jackson Hole Racquet Club, Jackson. Sun-Thurs. Contact: Brenda Ram, Center for Continuing Education, Univ of Nebraska Medical Center, 42nd and Dewey Ave, Omaha, NE 68105. (402) 559-4152.

July 5-9—**Sports Medicine Update 1987.** University of Nebraska College of Medicine at Jackson Hole Racquet Club, Jackson. Sun-Thurs. Contact: Brenda Ram, Center for Continuing Education, Univ of Nebraska Medical Center, 42nd and Dewey Ave, Omaha, NE 68105. (402) 559-4152. ♦

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—Marsden S. Blois, PhD, MD

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Progress in medical science seems to come in rushes. There are long periods of time during which we mainly fine-tune the status quo: third-generation drugs, better optics for endoscopes, more accurate assays, rapid development of x-ray film and so forth. Then, out of nowhere, a surge of new discoveries whose potential applications to medical practice seem limitless takes our breath away. We are now in such an epoch. Powerful and precise lasers. Almost unbelievable organ transplantation. Complex and uniquely informative magnetic resonance imaging and positron emission tomography. Exquisitely specific monoclonal antibodies. And the immense potential of modern molecular biology. This rush of new advances, collapsed into such a brief period of time, boggles the mind.

—R. Paul Robertson, MD

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Address

City/State/Zip

(_____)

Phone

Signature _____

WESTERN STATE MEDICAL ASSOCIATIONS' MEETINGS

Alaska State Medical Association—2401 E 42nd Ave, Suite 104, Anchorage 99508. (907) 562-2662. Annual Meeting: June 3-7, 1987, Juneau.

Arizona Medical Association, Inc—810 W Bethany Home Rd, Phoenix 85013. (602) 246-8901. Annual Meeting: June 4-6, 1987, Pointe South Mountain, Phoenix.

California Medical Association—PO Box 7690, San Francisco 94120-7690. (415) 863-5522. Annual Meeting: March 6-11, 1987, Disneyland Hotel, Anaheim.

Colorado Medical Society—PO Box 17550, Denver 80217-0550. (303) 779-5455. Annual Meeting: 1987: Date and place to be announced.

Hawaii Medical Association—320 Ward Ave, Suite 200, Honolulu 96814. (808) 536-7702. Annual Meeting: 1987: Date and place to be announced.

Idaho Medical Association—305 W Jefferson, PO Box 2668, Boise 83701. (208) 344-7888. Annual Meeting: July 27-August 2, 1987, Coeur d'Alene.

Montana Medical Association—2012 11th Ave, Suite 12, Helena 59601. (406) 443-4000. Interim Meeting: April 3-4, 1987, Colonial Inn, Helena.

Nevada State Medical Association—3660 Baker Lane, Reno 89502. (702) 825-6788. Annual Meeting: April 30-May 3, 1987, Ormsby House, Carson City.

New Mexico Medical Society—303 San Mateo NE, Suite 204, Albuquerque 87108. (505) 266-7868. Annual Meeting: May 6-8, 1987, Clarion Four Seasons, Albuquerque.

Oregon Medical Association—5210 SW Corbett Ave, Portland 97201. (503) 226-1555. Annual Meeting: (House of Delegates only): April 3-4, 1987, Salishan Lodge, Lincoln City.

Utah State Medical Association—540 E Fifth South, Salt Lake City 84102. (801) 355-7477. Annual Meeting: 1987: Date and place to be announced.

Washington State Medical Association—900 United Airlines Bldg, 2033 6th Ave, Seattle 98121. (206) 441-WSMA. Annual Meeting: 1987: Date and place to be announced.

Wyoming Medical Society—PO Drawer 4009, Cheyenne 82003-4009. (307) 635-2424. Annual Meeting: June 25-29, 1987, Jackson Lake Lodge, Moran.

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